MIL Comes On With DTC P1457

(Supersedes 01-011, dated March 6, 2001)

SYMPTOM

The MIL is on, and DTC P1457 [leak detected in EVAP control system (EVAP control canister system)] is set.

PROBABLE CAUSES

The symptom could be the result of any of these causes:

- An EVAP system component fails.
- The PCM does a diagnostic test on the EVAP system before the primary heated oxygen sensor (HO2S) is active. If this happens on two consecutive driving cycles, the MIL comes on and DTC P1457 falsely sets.
- The EVAP system depends on operation of the EVAP control canister vent shut valve for the diagnostic self-test. If the valve does *not* function properly, the MIL comes on and DTC P1457 sets. *This condition can occur with vehicles normally driven in any of the states listed below. Failure of this component does not affect the performance of the EVAP system.*

VEHICLES AFFECTED

PCM Failure:

1998–99 Accord - L4 models with A/T

EVAP Control Canister Vent Shut Valve Failure:

1998–99 Accord - All models normally driven in any of these states:

Illinois	New Hampshire
Indiana	New York
Iowa	North Dakota
Maine	Ohio
Massachusetts	Pennsylvania
Michigan	Vermont
Minnesota	Wisconsin

CORRECTIVE ACTION

Retrieve the DTC with the PGM Tester, and review the Freeze Data. Depending on whether the feedback condition of the primary HO2S reads “open” or “closed,” take the appropriate action described in DIAGNOSIS.

PARTS INFORMATION

1998 Accord L4 LX (KL)
PCM: P/N 37820-PAA-L50, H/C 6286363

1998–99 Accord L4 LX/EX (KA)
PCM: P/N 37820-PAA-L50, H/C 6286363

1998–99 Accord L4 DX (KA)
PCM: P/N 37820-PAB-A60, H/C 6286389

1998–99 Accord L4 DX (KL)
PCM: P/N 37820-PAB-L60, H/C 6286405

1998 Accord L4 EX (KL)
PCM: P/N 37820-PAA-L80, H/C 6286421

1999 Accord L4 LX/EX (KL)
PCM: P/N 37820-PAA-L80, H/C 6286421

1998–99 Accord (KA/KL)
EVAP Control Canister Vent Shut Valve:
P/N 17310-S0X-A02, H/C 6197370

WARRANTY CLAIM INFORMATION

In warranty: The normal warranty applies.

OP#	Description	FRT
123505	Retrieve the DTC. Store the immobilizer system key codes in the PCM. ***Write the DTC in the ECU field of the warranty claim form.***	0.6
121100	Replace the PCM.	0.4
120136	Replace the EVAP control canister vent shut valve.	0.4

Failed Part:	P/N 37820-PAA-L73 H/C 5859889
Defect Code:	032
Contention Code:	B03
Skill Level:	Repair Technician

Out of warranty: Any repair performed after warranty expiration may be eligible for goodwill consideration by the District Service Manager or your Zone Office. You must request consideration, and get a decision, before starting work.

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Skill Level
R
REPAIR

CUSTOMER INFORMATION: The information in this bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your vehicle. These procedures should not be attempted by “do-it-yourselfers,” and you should not assume this bulletin applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Honda automobile dealer.

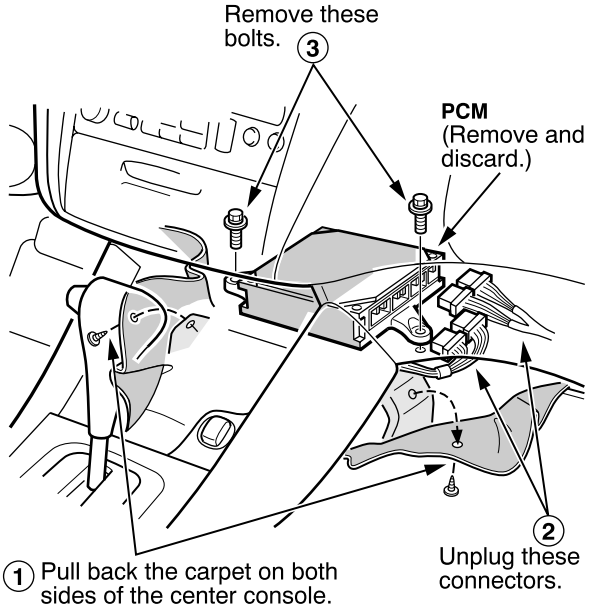
DIAGNOSIS

Use the PGM Tester, with SN122P or later software, to retrieve the DTC. Check the primary HO2S feedback condition. Data will be displayed as “open” or “closed.”

- If the primary HO2S feedback condition reads “closed,” refer to S/B 99-074, *Diagnosing DTC P1456 and DTC P1457*, and if appropriate, to S/B 99-075, *Troubleshooting DTC P1456 and P1457*, both filed under Fuel and Emissions. Make any needed repairs. If the vehicle is normally driven in any of the states listed on page 1, also go to REPAIR PROCEDURE B, and replace the EVAP control canister vent shut valve.
- If the primary HO2S feedback condition reads “open,” go to REPAIR PROCEDURE A, and replace the PCM. If the vehicle is normally driven in any of the states listed on page 1, also go to REPAIR PROCEDURE B, and replace the EVAP control canister vent shut valve.

REPAIR PROCEDURE A *(1998–99 Accord L4 models with A/T)*

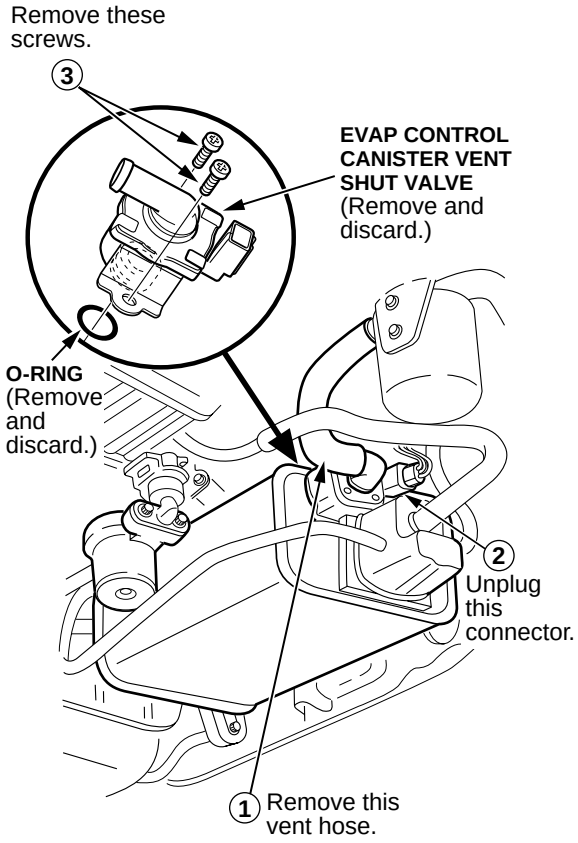
1. *EX models only:* Make sure you have the anti-theft code for the radio.
2. Write down your customer’s radio station presets.
3. Disconnect the negative cable from the battery.
4. Remove and discard the PCM.


Remove these bolts.
3
PCM (Remove and discard.)
2
Unplug these connectors.
1 Pull back the carpet on both sides of the center console.

5. Install the appropriate new PCM.
6. Reconnect the negative battery cable.
7. *EX models only:* Enter the anti-theft code for the radio.
8. Enter your customer’s radio station presets. Reset the clock.
9. Store the immobilizer system key codes in the PCM with the PGM Tester; see Service Bulletin 00-049, *Immobilizer System (Type 2)*, filed under Body Electrical.

REPAIR PROCEDURE B *(1998–99 Accord models normally driven in any of the states listed on page 1)*

1. Raise the vehicle on a lift.
2. Remove and discard the EVAP control canister vent shut valve and O-ring.



3. Install the new vent shut valve and O-ring.
4. Lower the vehicle.